Application No. 10/044,945

Reply to Office Action of 06/20/2006

LISTING OF CLAIMS

listing of claims will replace all prior versions and listings of claims in the

1. (Currently Amended) A call acceptance control method in <u>a mobile communication</u>

<u>system including packet users and an associated packet switching system producing which</u>

packet calls produced by a packet switching system are present and <u>other users and an</u>

<u>associated circuit switching system producing other calls, the method comprising:</u>

connecting the packet users and the other users to provide multiple access is

performed calls with shared wireless resources[[,]] for controlling acceptance of calls

including said packet calls, characterized in that[[:]]

measuring a the resource use condition based upon existing connections provided by the connecting step of a predetermined wireless resource that is designated as the subject of monitoring is measured and;

restricting acceptance of new calls is restricted for connection in the connecting step when the measured a value of said resource use condition measured in the measuring step exceeds a set call acceptance threshold value; and

<u>calculating</u> a correction value <u>is calculated</u> in accordance with <u>the a number of actively connected</u> packet users of said packet switching system[[,]]; and

adjusting the restriction of said new call acceptance in accordance with said call acceptance threshold value in the restricting step is adjusted by using this the correction value calculated in the calculating step.

2. (Currently Amended) The call acceptance control method according to claim 1, characterized in that wherein:

said packet calls produced by said packet switching system include guaranteed-bandwidth packet calls produced by a guaranteed-bandwidth packet switching system; and calculating said correction value is calculated in accordance with the a number of guaranteed-bandwidth packet users of said guaranteed-bandwidth packet switching system as said number of actively connected packet users of said packet switching system.

- 3. (Currently Amended) The call acceptance control method according to claim 1, characterized in that wherein the restriction of said new call acceptance is adjusted by lowering said call acceptance threshold value in accordance with said calculated correction value.
- 4. (Currently Amended) The call acceptance control method according to claim 1, eharacterized in that wherein the restriction of said new call acceptance is adjusted by raising the measured value of said resource use condition in accordance with said calculated correction value.
- 5. (Currently Amended) A mobile communication system <u>including packet users and</u> an associated packet switching system producing in which, in mobile communication in which packet calls produced by a packet switching system are present and other users and an associated circuit switching system producing other calls, comprising:

a transmitting/receiving section configured to connect with the packet users and the other users to provide multiple access is performed calls with shared wireless resources[[,]] a method of call acceptance is applied for controlling acceptance of calls including said packet calls, characterized in that[[:]];

a resource measurement device configured to measure said system measures a the

resource use condition based upon existing connections provided by the

transmitting/receiving section of a predetermined wireless resource designated as the subject of monitoring and restricts;

<u>a call acceptance control device configured to restrict</u> acceptance of new calls <u>by the transmitting/receiving section</u> when the <u>a</u> measured <u>resource use condition</u> value of <u>from</u> said resource <u>use condition</u> <u>measurement device</u> exceeds a set call acceptance threshold value[[,]] and <u>comprises</u>[[:]]

<u>a</u> correction value calculation <u>means</u> <u>device</u> that calculates a correction value in accordance with <u>the a</u> number of <u>actively connected</u> packet users of said packet switching system; and

an adjustment means device that adjusts the restriction of said new call acceptance by the transmitting/receiving section in accordance with said eall acceptance threshold value, by using this correction value.

6. (Currently Amended) The mobile communication system according to claim 5, characterized in that wherein:

said packet calls produced by said packet switching system include guaranteed-bandwidth packet calls produced by a guaranteed-bandwidth packet switching system; and said correction value calculation means calculates said correction value in accordance with the number of guaranteed-bandwidth packet users of said guaranteed-bandwidth packet switching system.

7. (Currently Amended) The mobile communication system according to claim 5, eharacterized in that wherein said adjustment means device adjusts the restriction of said new call acceptance by lowering said call acceptance threshold value in accordance with said

- 8. (Currently Amended) The mobile communication system according to claim 5, characterized in that wherein said adjustment means device adjusts the restriction of said new call acceptance by raising the measured value of said resource use condition in accordance with said correction value calculated by said correction value calculation means device.
- 9. (Currently Amended) A base station device in which[[,]] in configured to provide mobile communication for packet users and an associated packet switching system producing in which packet calls produced by a packet switching system are present and for other users and an associated circuit switching system producing other calls, comprising:

a transmitting/receiving means for connecting the base station with the packet users
and the other users to provide multiple access is performed calls with shared wireless
resources[[,]] a method of call acceptance is applied for controlling acceptance of calls
including said packet calls, characterized by comprising[[:]]

resource measurement means for measuring that measures a the resource use condition based upon existing connections provided by the transmitting/receiving means of a predetermined wireless resource designated as the subject of monitoring:

<u>call acceptance restriction means for restricting that restricts</u> acceptance of new calls <u>by the transmitting/receiving means</u> when <u>the a measured resource use condition</u> value <u>of</u> <u>from said resource use condition measurement means</u> exceeds a set call acceptance threshold value;

correction value calculation means that ealeulates for calculating a correction value in accordance with the a number of actively connected packet users of said packet switching system; and

adjustment means that adjusts for adjusting the restriction of said new call acceptance by the transmitting/receiving means in accordance with said eall acceptance threshold value, by using this correction value.

10. (Currently Amended) The base station device according to claim 9, characterized in that wherein:

said packet calls produced by said packet switching system include guaranteed-bandwidth packet calls produced by a guaranteed-bandwidth packet switching system; and said correction value calculation means calculates said correction value in accordance with the number of guaranteed-bandwidth packet users of said guaranteed-bandwidth packet switching system.

- 11. (Currently Amended) The base station device according to claim 9, characterized in that wherein said adjustment means adjusts the restriction of said new call acceptance by lowering said call acceptance threshold value in accordance with said correction value calculated by said correction value calculation means.
- 12. (Currently Amended) The base station device according to claim 9, characterized in that wherein said adjustment means adjusts the restriction of said new call acceptance by raising the measured value of said resource use condition in accordance with said correction value calculated by said correction value calculation means.